

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23688Application No.  
10/646,908INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

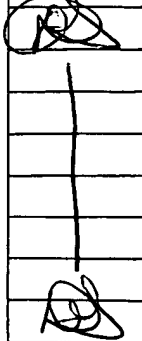
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 8 4 1 3 2 3	06/20/89	MINORU et al.			
	2004 / 0 0 4 2 9 0 2	03/04/04	NOMURA			
	2004 / 0 1 4 1 7 3 5	07/22/04	NOMURA et al.			
	2004 / 0 0 6 2 5 3 6	04/01/04	NOMURA			
	2004 / 0 0 4 2 7 7 6	03/04/04	NOMURA			
	6 1 8 5 3 7 5	02/06/01	KAZUO			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	2 0 0 0 - 0 2 3 0 0 2	01/21/00	JAPAN			
	6 - 3 0 8 5 9 2	11/04/94	JAPAN			
	7 - 1 9 9 0 1 9	08/04/95	JAPAN			
	5 - 3 1 3 2 2 6	11/26/93	JAPAN			
	7 - 2 9 5 0 5 0	11/10/95	JAPAN			
	9 - 0 0 5 8 4 9	01/10/97	JAPAN			
	6 1 - 1 3 3 9 3 3	06/21/86	JAPAN			
	2 0 0 3 - 1 1 4 4 7 3	04/18/03	JAPAN			
	2 0 0 4 - 2 5 7 5 5 5	09/16/04	JAPAN			
	2 3 9 4 7 8 7	05/05/04	UNITED KINGDOM			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of JP 2000-023002.
	2	English Language Abstract of JP 6-308592.
	3	English Language Abstract of JP 7-199019.
	4	English Language Abstract of JP 5-313226.
	5	English Language Abstract of JP 7-295050.
	6	English Language Abstract of JP 9-005849.
	7	English Language Abstract of JP 61-133933.
	8	English Language Abstract of JP 2003-114473.

EXAMINER

DATE CONSIDERED

05-27-2005

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[illegible]

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[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Translation of JP 2000-023002.
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	5	English Language Translation of JP 7-295050.
	6	English Language Translation of JP 9-5849.
	7	English Language Translation of JP 2003-114473.

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